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(54) Title: PROPORTIONAL CONTROL SYSTEM FOR A MOTOR

(57) ~~Abstract~~—The present invention provides a proportional control system for use in an HVAC unit within a ventilation system comprising a processing means programmed with an air exchange - defrost cycle. One or more motor speed sensing means are also positioned in the HVAC unit and operatively connected to the processing means and one or more temperature sensing means are positioned in the HVAC unit and operatively connected to the processing means wherein the temperature and motor speed sensors determine the motor speed to be applied during the defrost cycle.

WO 2004/016457 A2